

## FORTHCOMING PUBLICATIONS (A)

JULY, 2002, Vol 76, No. 4

### Review

Physical behaviour and theoretical understanding of nanowires

SHALINEE CHIKARA, RAJAN LAI AND S K JOSHI

### Condensed Matter & Materials Physics

A study of frequency-dependent losses in HTSC  $\text{YBa}_2\text{Cu}_3\text{O}_7$  (0.1 MHz–10 MHz, 79K–254 K)

B K MANDAL, B GHOSH, C NEOGY, S K DEB AND A NAG

Temperature dependence of DC conductance of generalized Fibonacci lattice

C L ROY

The influence of electric field on the nucleation of NaCl crystals

K V SABAN, JINI THOMAS AND GEORGE VARGHESE

Transport properties on  $\text{ZnS} : \text{Mn}$  at very high electric fields

F M ABOU EL-LELA

D C electrical conductivity measurements on KDP single crystals added with NaCl and NaBr

G DEEPA, T H FREEDA AND C MAHADEVAN

Static shear elasticity in  $(\text{RbCN})_x(\text{RbBr})_{1-x}$  mixed crystals

JYOTSNA GAIGALE, MANIK MANAKI, R K SINGH AND N K GAUR

Weak and strong coupling of surface polaron at the contact of two polar crystals

S MADKOUR AND S I BERIL

### Particle Physics

Magnetic symmetry, flux screening and colour confinement in dual QCD

HEMBAIT NANDAN, H C PANDEY AND H C CHANDOLA

### Statistical Physics

$Q$ -deformed quantum Langevin equation

J P SINGH

### Note

$\text{TiO}_2$ -MgO mixed oxide humidity sensor

G T LAMDHARE, S P YAWALE AND S S YAWALE